IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) An arrangement in connection with a central lubrication system, the arrangement comprising

a lubricant vessel,

a pump unit,

a control unit,

pipe systems,

a pressure monitor unit,

at least one feeder provided with at least one magnetizable piston that moves due to the influence of the pressure of a lubricant present in the pipe system to be lubricated, and

a movement monitor unit for each feeder configured to monitor the operation of the central lubrication system, the lubricant being arranged to be pumped from the lubricant vessel along the pipe to the feeders and objects to be lubricated, wherein the movement monitor unit is located outside a pressurized space of the corresponding at least one feeder, the pressurized space being formed by at least one wall; and

a junction part that is manufactured from a weakly magnetizable material and comprises:

a sensor part which is located outside of the at least one wall that defines the pressurized space corresponding at least one feeder and comprises a fixed permanent magnet to generate a magnetic field, and a sensor for detecting movement of the magnetizable piston, and

an electronics part which processes a signal received from the sensor produced as a result of a change in the magnetic field caused by the movement of the piston with respect to the sensor part and forwards this processed signal to the control unit.

2. (Previously Amended) An arrangement as claimed in claim 1, wherein the sensor is a Hall sensor.

3. (Previously Amended) An arrangement as claimed in claim 2, wherein the sensor is an analogue Hall sensor.

4. (Previously Amended) An arrangement as claimed in claim 2, wherein output of the movement monitor unit is locking so that a detection mode of the piston remains in a memory.

5. (Previously Amended) An arrangement as claimed in claim 4, wherein the locked detection mode of the output of the movement monitor unit is releasable by cutting an operating voltage of the sensor for a predetermined time.

6. (Previously Amended) An arrangement as claimed in claim 1, wherein the movement monitor unit is in its entirety located outside a pressurized space of the feeder.

7. (Previously Amended) An arrangement as claimed in claim 1, wherein the electronics part comprises a voltage regulator, a detector for detecting polarity of voltage, a microcontroller, an output circuit, indicator LEDs as well as an amplifier part comprising a differential amplifier circuit and low-pass filters.

8. (Previously Amended) An arrangement as claimed in claim 7, wherein the output circuit is a potential-free relay contact.

9. (Previously Amended) An arrangement as claimed in claim 1, wherein the plurality of movement monitor units of the central lubrication system are coupled in series.

10. (New) The arrangement of claim 1, wherein the sensor part is located completely outside of the pressurized space.